

## METHODS AND PROBES FOR THE DETECTION OF CANCER

### Abstract of the Invention

Probe sets and methods of using probes and probe sets for the detection of cancer are described. Methods for detecting cancer that include hybridizing a set of 5 chromosomal probes to a biological sample obtained from a patient, and identifying if cancer cells are present the sample. Also included are methods of selecting a combination of probes for the detection of cancer.

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